

# BOREHOLE LOG

<b>Project Name:</b> VANDENBERG AFB IRP: OU 2, Site 20, Landfill 1/Drum Disposal Site 1								
<b>Project Number:</b> 01K78601			<b>Borehole No.:</b> 20-MW-16			<b>Sheet</b> 1 of 2		
<b>Borehole Location:</b> 2100158.99 N, 5802136.99 E						<b>Elevation and Datum:</b> 455.96 feet MSL		
<b>Drilling Contractor:</b> Tri-County Drilling, Inc.			<b>Date Started:</b> 05/21/98			<b>Date Ended:</b> 05/21/98		
<b>Drilling Equipment:</b> CME-75			<b>Total Depth:</b> 60 feet			<b>Groundwater Depth:</b> 10 feet		
<b>Drilling Method:</b> Hollow Stem Auger			<b>Sampling Method:</b> Split Spoon			<b>Borehole Diameter:</b> 8 inches		
<b>Driller:</b> M. Ferguson			<b>Borehole Abandonment:</b> Reamed with 11" auger and completed as 4" monitoring well					
<b>Hammer Information:</b> Manual Hammer: 140-lb and 30-inch drop			<b>Logged By:</b> L. Roché			<b>Checked By:</b> M. Anderson		

Depth (feet)	Lithologic Description	Symbol	USCS	Sample	Sample Number	Blow Counts	Field OVA (ppm)	Remarks
	SILTY SAND, dark yellowish brown (10YR 3/4), slightly moist, fine to medium grained, loose, with silt (25%).		SM				0	
5	Same as above, wet.		SM					
	Same as above, slightly moist.		SM				0	
10	Same as above, light yellowish brown (10YR 6/4), wet, nonplastic.		SM				0	
15	Same as above, light yellowish brown (2.5Y 6/4).		SM				0	
20							0	
25	Same as above, very soft.		SM				0	
30								



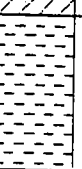
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Sheet 2 of 2

Depth (feet)	Lithologic Description	Symbol	USCS	Sample	Sample Number	Blow Counts	Field OVA (ppm)	Remarks
	Same as above.		SM				0	
35	CLAYEY SAND, light yellowish brown (2.5Y 6/4), wet, loose, very soft, nonplastic, with clay (40%).		SC				0	
40							0	
45							0	
50							0	Harder drilling.
55	SANDY CLAY, brown (10YR 4/3), slightly moist, firm, low plasticity, with sand (25%).		CL					
60	ROCK, very dark grayish brown (10YR 3/2), slightly moist, hard, with fine to medium sand (10%) and trace gravel (10%).		RX					Very hard drilling.
65	End of boring at 60 feet below ground surface. Groundwater encountered at 10 feet. Boring reamed with 11" auger and completed as 4" monitoring well.							
70								